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Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=5; day=29; hr=9; min=41; sec=33; ms=422;]

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Application No: 09733306 Version No: 5.0

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No. of SeqIDs Defined: 6
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SEQUENCE LISTING

<110> Schwarz, Margaret A.

<120> METHODS OF FACILITATING VASCULAR GROWTH IN CARDIAC MUSCLE AND
METHODS FOR THE PRODUCTION OF RECOMBINANT EMAP II

<130> 9022-20

<140> 09733306

<141> 2000-12-08

<150> US 60/171,874

<151> 1999-12-23

<150> US 60/197,558

<151> 2000-04-17

<150> US 60/231,759

<151> 2000-09-12

<150> US 60/241,138

<151> 2000-10-17

<160> 6

<170> PatentIn version 3.3

<210> 1

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<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic polypeptide

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<222> (64)..(993)

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Leu	Lys	Glu	Lys	Ala	Ile	Leu	Gln	Ala	Thr	Met	Arg	Glu	Glu	Lys	Lys	
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Val	Arg	Leu	Ser	Thr	Pro	Leu	Gln	Thr	Asn	Cys	Thr	Ala	Ser	Glu	Ser	
80					85					90					95	
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Ile	Val	Thr	Ala	Lys	Lys	His	Pro	Asp	Ala	Asp	Ser	Leu	Tyr	Val	Glu	
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Glu	Val	Asp	Val	Gly	Glu	Ala	Ala	Pro	Arg	Thr	Val	Val	Ser	Gly	Leu	
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gtg aat cat gtt cct cta gaa cag atg caa aat cgt atg gtg gtt tta																684
Val	Asn	His	Val	Pro	Leu	Glu	Gln	Met	Gln	Asn	Arg	Met	Val	Val	Leu	
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Gly Glu Pro Asp Lys Glu Leu Asn Pro Lys Lys Lys Ile Trp Glu Gln			
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Arg Leu Ser Thr Pro Leu Gln Thr Asn Cys Thr Ala Ser Glu Ser Val			
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Arg Val Glu Asn Ala Lys Leu Lys Lys Glu Ile Glu Glu Leu Lys Gln
50 55 60

Glu Leu Ile Gln Ala Glu Ile Gln Asn Gly Val Lys Gln Ile Ala Phe
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Pro Ser Gly Thr Pro Leu His Ala Asn Ser Met Val Ser Glu Asn Val
85 90 95

Ile Gln Ser Thr Ala Val Thr Thr Val Ser Ser Gly Thr Lys Glu Gln
100 105 110

Ile Lys Gly Gly Thr Gly Asp Glu Lys Lys Ala Lys Glu Lys Ile Glu
115 120 125

Lys Lys Gly Glu Lys Lys Glu Lys Lys Gln Gln Ser Ile Ala Gly Ser
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Cys Ile Ile Thr Ala Arg Lys His Pro Asp Ala Asp Ser Leu Tyr Val
165 170 175

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180 185 190

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195 200 205

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210 215 220

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Pro Gly Glu Pro Asp Lys Glu Leu Asn Pro Lys Lys Lys Ile Trp Glu
260 265 270

Gln Ile Gln Pro Asp Leu His Thr Asn Asp Glu Cys Val Ala Thr Tyr
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35 40 45

Asn His Val Pro Leu Glu Gln Met Gln Asn Arg Met Val Ile Leu Leu
50 55 60

Cys Asn Leu Lys Pro Ala Lys Met Arg Gly Val Leu Ser Gln Ala Met
65 70 75 80

Val Met Cys Ala Ser Ser Pro Glu Lys Ile Glu Ile Leu Ala Pro Pro
85 90 95

Asn Gly Ser Val Pro Gly Asp Arg Ile Thr Phe Asp Ala Phe Pro Gly
100 105 110

Glu Pro Asp Lys Glu Leu Asn Pro Lys Lys Lys Ile Trp Glu Gln Ile
115 120 125

Gln Pro Asp Leu His Thr Asn Asp Glu Cys Val Ala Thr Tyr Lys Gly
130 135 140

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Ser Asn Ser Gly Ile Lys
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